

Composition of Earth's Atmosphere

Name: _____

Date: _____

Score: _____

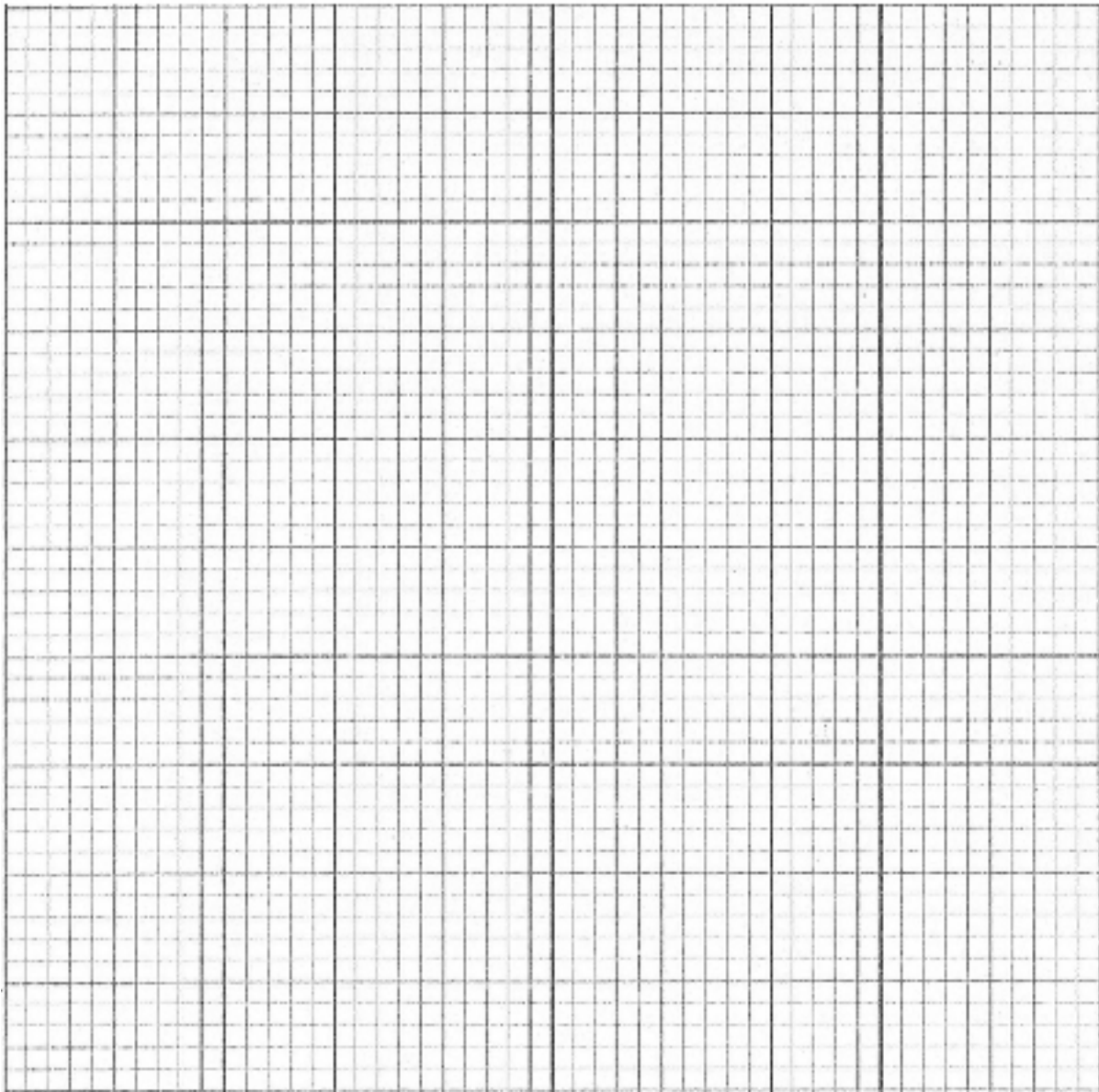
Analysis: In this activity, we will use percentages to represent units of gas composition. A percent (%) is equivalent to 1 part out of 100 equal units. $1\% = 1$ part out of 100.

For the graph below, one large square represents 1%, and a smaller square equals .2 %.

You will need to show the amount of each gas that is in the atmosphere by filling in the appropriate amount of squares for each gas.

Nitrogen (Blue) - 78% Oxygen (Red) - 21 % Argon (Green) - 0.9%

Carbon Dioxide (Orange) - 0.033% All other gases combined (Purple) - 0.067%



Conclusion: Use the image below to describe 3 ways the Earth's atmosphere is important to us.



1.

2.

3.

What do you think would happen if the atmosphere was just oxygen?

If the Earth's atmosphere is like a greenhouse, then which parts function as the "glass"?